PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Effective November 10, 1998 CLAIMS AS FILED - PART I SMALL ENTITY (Column 1) (Column 2) OTHER THAN FOR NUMBER FILED TYPE [OR SMALL ENTITY NUMBER EXTRA BASIC FEE RATE FEE RATE FEE 760.00 TOTAL CLAIMS 380.00 OR minus 20= 0 INDEPENDENT CLAIMS X\$ 9= X\$18= minus 3 = 2 MULTIPLE DEPENDENT CLAIM PRESENT X39= X78= OR * If the difference in column 1 is less than zero, enter "0" in column 2 +130= +260= OR CLAIMS AS AMENDED - PART II TOTAL OR TOTAL 192 (Column 1) OTHER THAN (Column 2) (Column 3) SMALL ENTITY CLAIMS OR SMALL ENTITY HIGHEST AMENDMENT REMAINING NUMBER AFTER ADDI-PRESENT PREVIOUSLY ADDI-AMENDMENT EXTRA RATE TIONAL RATE TIONAL PAID FOR Total FEE Minus FEE independent X\$ 9= X\$18= Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X39= X78= OR +130= +260= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING MENDMENT NUMBER AFTER ADDI-PRESENT **PREVIOUSLY** ADDI-AMENDMENT **EXTRA** RATE TIONAL PAID FOR RATE TIONAL **Total** FEE . Minus FEE 36 Independent X\$ 9= 64900 Minus X\$18= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X39€ X78= OR +130= +260= OR TOTAL TOTAL OR ADDIT, FEE (Column 1) ADDIT, FEE (Column 2) (Column 3) CLAIMS O HIGHEST REMAINING AMENDMENT NUMBER AFTER PRESENT ADDI-**PREVIOUSLY** ADDI-AMENDMENT **EXTRA** RATE TIONAL PAID FOR RATE TIONAL Total FEE Minus FEE Independent X\$ 9= Minus X\$18= OR *** FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X39= X78= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. +130= If the "Highest Number Previously Pald For" IN THIS SPACE is less than 20, enter "20." +260= OR "If the "Highest Number Previously Paid For" (Notal or Independent) is the highest number found in the appropriate box in column 1. TOTAL ADDIT. FEE

: